

## Abstract

The invention relates to metal cluster nano-compounds of transition metals, which includes a metal nucleus formed from atoms of at least one transition metal and at least one ligand, and including their physiologically compatible salts, derivatives, isomers, hydrates, metabolites and prodrugs, which are suited for the prophylactic and/or therapeutic (curative) treatment of diseases of the human or animal body, particularly of tumor or cancer diseases. To this end, the inventive compounds can, under physiological conditions, interact with the DNA, preferably B-DNA, of the relevant cells.